

Docket No: FERN-P001


(Application No.)	(Day/Month/Year Filed)	(Status - patented, pending, abandoned)


Woodside, CA 94062

Or Email Address: **iploft@earthlink.net**

(650) 529-9237

Or Fax: (650) 529-9315

Full name of sole or first inventor: Dennis Sunga Fernandez	
Inventor's signature 	Date 3-19-98
Residence: 2085 Portola Road, Woodside, CA 94062	
Citizenship: United States	
Postal Address: same as Residence	

Full name of joint inventor: Irene Hu Fernandez	
Inventor's signature 	Date 3-19-98
Residence: 2085 Portola Road, Woodside, CA 94062	
Citizenship: United States	
Postal Address: same as Residence	

1. General Information		2. Chemical Analysis		3. Physical Properties		4. Spectroscopic Data		5. Thermal Analysis		6. Elemental Analysis	
Sample No.	Batch No.	Element	Value	Property	Value	Wavenumber (cm ⁻¹)	Wavenumber (cm ⁻¹)	Temp. (°C)	Temp. (°C)	Calcd.	Found
101	101	C	65.12	Melting Point	102.5	1710	1710	100	100	65.12	65.12
102	102	H	4.85	Boiling Point	102.5	1710	1710	100	100	4.85	4.85
103	103	N	12.03	Density	1.02	1710	1710	100	100	12.03	12.03
104	104	O	16.01	Refractive Index	1.33	1710	1710	100	100	16.01	16.01
105	105	S	32.06	Viscosity	1.02	1710	1710	100	100	32.06	32.06
106	106	Cl	35.45	Surface Tension	1.02	1710	1710	100	100	35.45	35.45
107	107	Br	79.90	Electrical Conductivity	1.02	1710	1710	100	100	79.90	79.90
108	108	I	126.90	Thermal Stability	1.02	1710	1710	100	100	126.90	126.90
109	109	B	10.81	Thermal Conductivity	1.02	1710	1710	100	100	10.81	10.81
110	110	F	18.99	Thermal Expansion	1.02	1710	1710	100	100	18.99	18.99
111	111	Li	6.94	Thermal Contraction	1.02	1710	1710	100	100	6.94	6.94
112	112	Na	22.99	Thermal Diffusion	1.02	1710	1710	100	100	22.99	22.99
113	113	K	39.09	Thermal Absorption	1.02	1710	1710	100	100	39.09	39.09
114	114	Rb	85.47	Thermal Emission	1.02	1710	1710	100	100	85.47	85.47
115	115	Cs	132.91	Thermal Reflection	1.02	1710	1710	100	100	132.91	132.91
116	116	Ba	137.33	Thermal Refraction	1.02	1710	1710	100	100	137.33	137.33
117	117	La	138.91	Thermal Diffraction	1.02	1710	1710	100	100	138.91	138.91
118	118	Ce	140.12	Thermal Scattering	1.02	1710	1710	100	100	140.12	140.12
119	119	Pr	140.91	Thermal Dispersion	1.02	1710	1710	100	100	140.91	140.91
120	120	Nd	144.24	Thermal Absorption	1.02	1710	1710	100	100	144.24	144.24
121	121	Pm	144.91	Thermal Emission	1.02	1710	1710	100	100	144.91	144.91
122	122	Sm	150.36	Thermal Reflection	1.02	1710	1710	100	100	150.36	150.36
123	123	Eu	151.96	Thermal Refraction	1.02	1710	1710	100	100	151.96	151.96
124	124	Gd	157.25	Thermal Diffraction	1.02	1710	1710	100	100	157.25	157.25
125	125	Tb	158.93	Thermal Scattering	1.02	1710	1710	100	100	158.93	158.93
126	126	Dy	162.50	Thermal Dispersion	1.02	1710	1710	100	100	162.50	162.50
127	127	Ho	164.93	Thermal Absorption	1.02	1710	1710	100	100	164.93	164.93
128	128	Er	167.26	Thermal Emission	1.02	1710	1710	100	100	167.26	167.26
129	129	Tm	168.93	Thermal Reflection	1.02	1710	1710	100	100	168.93	168.93
130	130	Yb	173.05	Thermal Refraction	1.02	1710	1710	100	100	173.05	173.05
131	131	Lu	174.97	Thermal Diffraction	1.02	1710	1710	100	100	174.97	174.97
132	132	Hf									

Attorney Docket No.: FERN-P001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Application No.: Not yet assigned

Group No.: Not yet assigned

Filed: 19 March 1998

Examiner: Not yet assigned

Title: **Integrated Network for Monitoring Remote Objects**

Inventor(s): **Dennis S. Fernandez and Irene H. Fernandez**

Assistant Commissioner for Patents
Washington, D.C. 20231

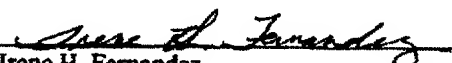
SUBMISSION OF VERIFIED STATEMENT(S)
TO ESTABLISH SMALL ENTITY STATUS


The attached statement is being submitted to establish small entity status in this

☒ Application
☐ Patent

by the

☒ Independent inventor(s) 37 CFR 1.9(c) and 1.27(b)
☐ Non-inventor supporting claim by another 37 CFR 1.9(c) and 1.27(b)
☐ Small Business Concern 37 CFR 1.9(d) and 1.27(c)
☐ Nonprofit Organization 37 CFR 1.9(e) and 1.27(d)


Irene H. Fernandez
Reg. No. 34,625


Dennis S. Fernandez
Reg. No. 34,160

2085 Portola Road
Woodside, CA 94062
(650) 529-9237
(650) 529-9315 (fax)

106220 68022860

**STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(b))--INDEPENDENT INVENTOR**

Docket Number: **FERN-P001**

Applicant, Patentee, or Identifier: Fernandez et al.
Application or Patent No <TBA>
Filed or Issued: <Herewith>
Title: Integrated Network for Monitoring Remote Objects

As a below named inventor(s), I hereby state that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in:

- ☒ the specification filed herewith with title as listed above.
☐ the application identified above.
☐ the patent identified above.

I have not assigned, granted, conveyed, or licensed, and am under no obligation under contract or law to assign, grant, convey, or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

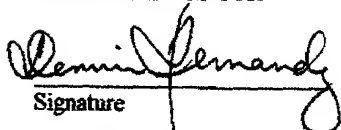
Each person, concern, or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☒ No such person, concern, or organization exists.
☐ Each such person, concern, or organization is listed below.

Separate statements are required from each named person, concern, or organization having rights to the invention stating their status as small entities. (37 CFR 1.27)

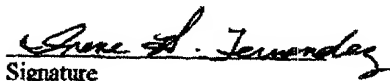
I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

DENNIS SUNGA FERNANDEZ
NAME OF INVENTOR


Signature

3-19-98
Date

IRENE HU FERNANDEZ
NAME OF INVENTOR


Signature

3-19-98
Date

1062201-0322350